

REMARKS/ARGUMENTS

Claims 1-19 are pending in this application. Claims 1-2, 4, and 7-19 have been amended.

The drawings have been objected to because Figures 19-21 are not designated by a legend. Figures 19-21 have been changed to include a legend indicating --Prior Art--. Submitted herewith is a letter to the chief draftsman enclosing new formal drawings Figure 19-21 labeled as prior art. A copy of Figures 19-21 with noted changes are attached to this amendment as an appendix for the convenience of the examiner. Withdrawal of the objection to the drawings is requested.

The disclosure has been objected to for containing an hyperlink. The specification has been amended to delete the hyperlink. Withdrawal of the objection is respectfully requested.

Claims 2 and 19 have been objected to based on informalities. Claim 2 has been amended in view of the Examiner's comments and suggestions. The objection to claim 19 is rendered moot by the amendments made to claim 19 in view of the Section 112 rejection as described below. Withdrawal of the objection is respectfully requested.

Claims 1-19 have been rejected under 35 U.S.C. § 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject which Applicant regards as the invention.

Claim 1 has been amended merely to clarify the first, second, and third resistors, and the operational amplifier.

Claim 4 has been amended merely to correct antecedent basis.

Claim 7 has been amended merely to clarify the common bias section and the impedance trimming section.

Claim 10 has been amended to clarify the value of the impedance dummy resistor.

Claim 11 has been amended in view of the amendment to claim 1 and further to clarify the values of the resistors.

Claim 12 has been amended in view of the amendment to claim 1 and to clarify the values of the first and third resistors.

Claim 13 has been amended in view of the amendment to claim 1 and to clarify the value of the resistors.

Claim 14 has been amended in view of the amendment to claim 1 and to clarify the value of the resistors.

Claim 15 has been amended in view of the amendment to claim 1 and to clarify the second resistor.

Claim 17 has been amended to clarify the value of the resistors.

Claim 19 is amended for similar reasons as claim 1 as described above.

It is respectfully submitted that the amendments to claims 1-19 overcome the rejection based on section 112, second paragraph, and withdraw of the rejection is respectfully requested.

Claims 1 and 17-16 have been provisionally rejected under 35 U.S.C. § 101 as claiming the same invention as that of claims 1-11, respectively, of co-pending Application No. 10/608,364. Applicant notes the provisional rejection. Applicant further notes that co-pending Application 10/608,364 has been expressly abandoned. Withdraw of the provisional rejection under 35 U.S.C. § 101 is respectfully requested.

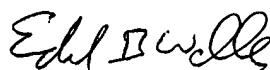
For the foregoing reasons, it is respectfully submitted that the claims are in an allowable form, and action to that end is respectfully requested.

The Commissioner is hereby authorized to charge any fees which may be required, or credit in the overpayment, to Deposit Account No. 07-1896 referencing Attorney Docket No. 2102475-992011.

Respectfully submitted,

GRAY CARY WARE & FREIDENRICH

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By: 
Edward B. Weller
Reg. No. 37,468
Attorney for Applicant(s)

Edward B. Weller
Gray Cary Ware & Freidenrich LLP
2000 University Avenue
East Palo Alto, CA 94303-2248
650-833-2436 (Direct)
650-833-2000 (Main)
650-833-2001 (Facsimile)
eweller@graycary.com

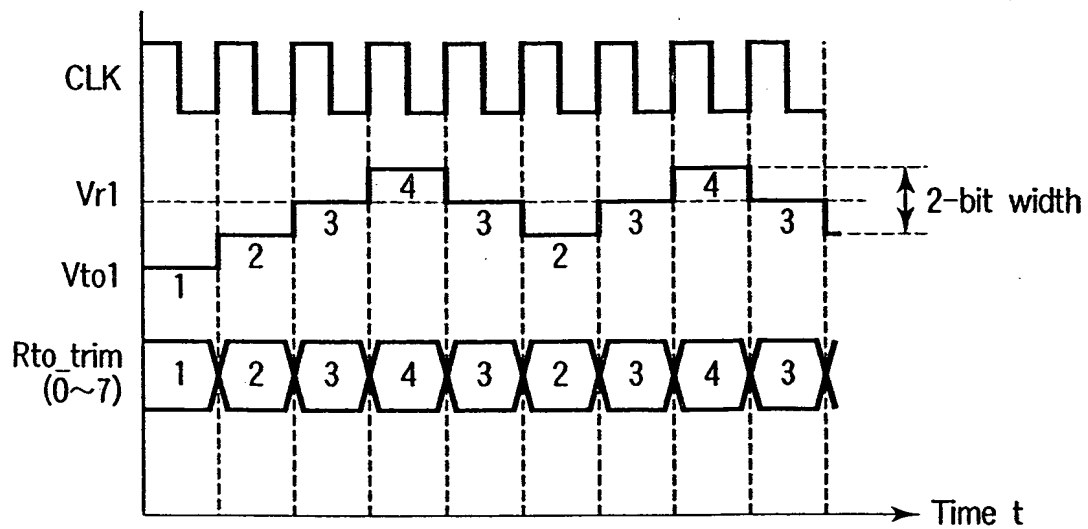


FIG. 18

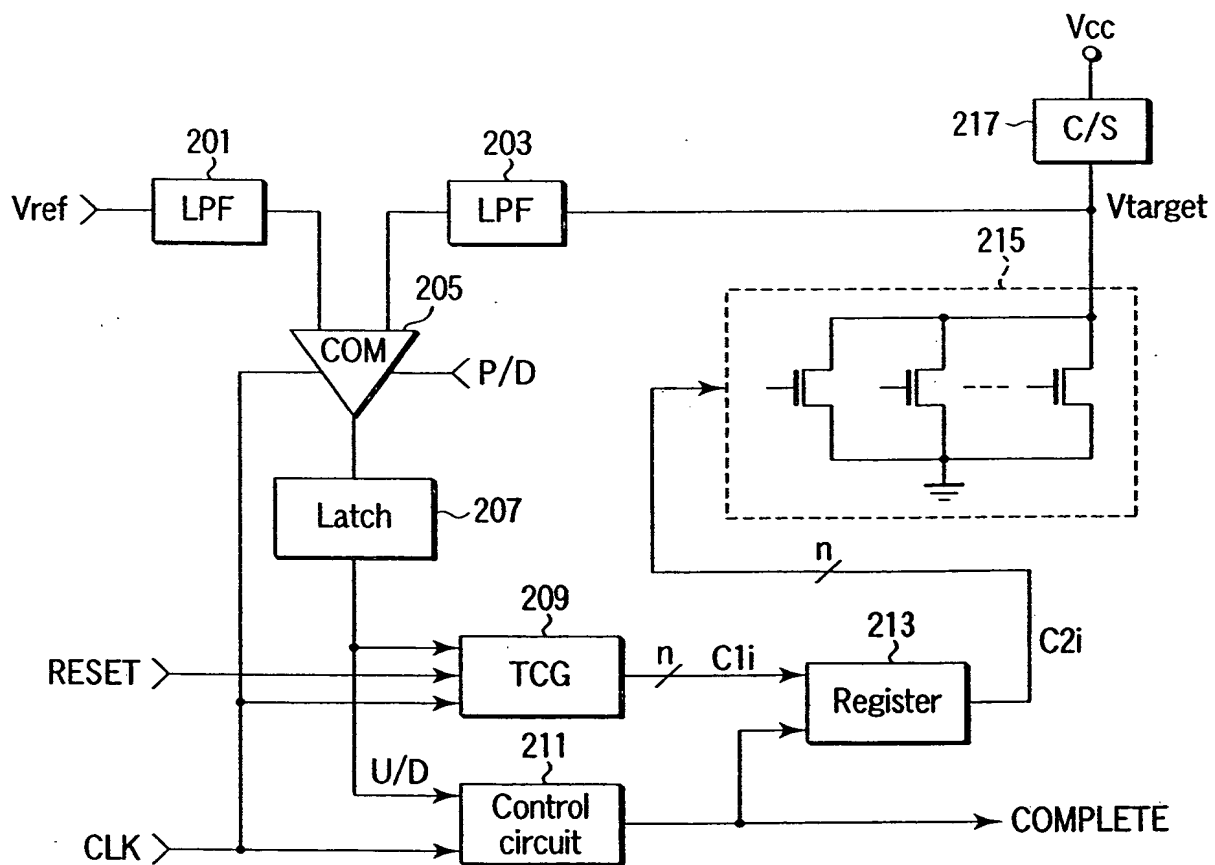


FIG. 19
PRIOR ART

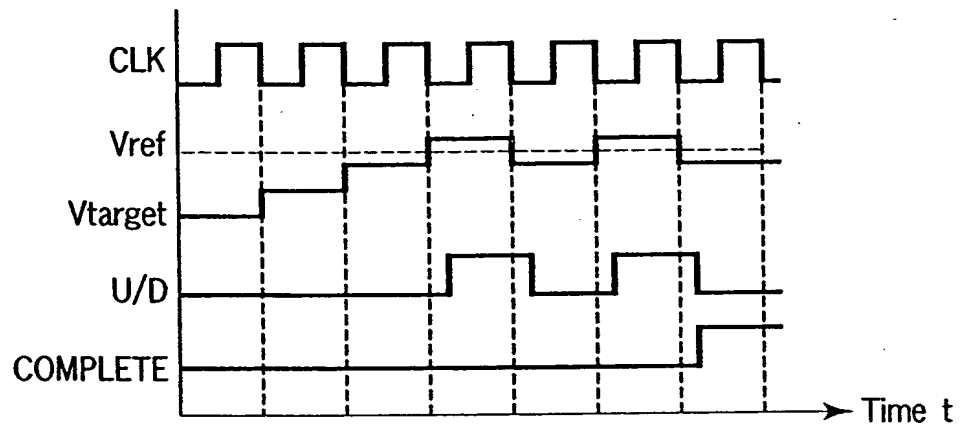


FIG. 20

PRIOR ART

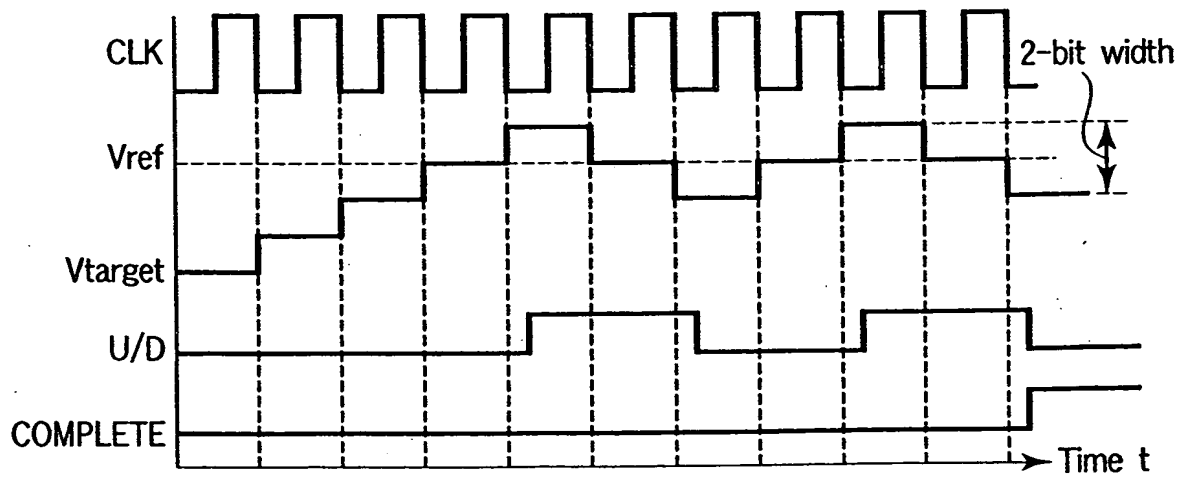


FIG. 21

PRIOR ART